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IN THE CLAIMS:

1. (currently amended) A method of processing a plurality of call detail records (CDRs) each indicative of a call transaction on a telecommunications network, said method comprising the steps of:

in response to a user request from a remote user terminal, receiving said plurality of CDRs at a first controller, each of said CDRs having a data structure including a plurality of fields containing at least one character;

selecting a first sorting field from said plurality of fields and grouping said plurality of CDRs as a function of data within said first sorting field, said first sorting field being a carrier identification field;

thereafter analyzing a user-selected second sorting field within each of said CDRs within a group of CDRs sorted by said first sorting field; [[and]]

generating a customized carrier-specific report for each of said grouped CDRs as a function of data within said user-selected second sorting field;

delivering said customized carrier-specific report to said remote user terminal;
and

presenting said customized carrier-specific report to said user at said remote user terminal according to user-selected format preferences.

2. (original) A method according to claim 1 wherein said plurality of CDRs are generated at a second controller remotely located from said first controller, said second controller coupled to said telecommunications network.

3. (original) A method according to claim 1 wherein at least one of said plurality of fields includes a plurality of subfields.

4. (original) A method according to claim 1 wherein said call transaction is a long distance calling card transaction.

5. (cancelled)

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6. (currently amended) A method according to claim [[5]] 1 wherein said user-selected second sorting field is an enhanced service identifier comprising at least one of the following subfields: message store and forward, directory assistance, or conference calling.

7. (currently amended) A method according to claim 1 wherein the step of receiving includes the step of periodically receiving said plurality of CDRs at [[a]] said first controller at daily, weekly, monthly, quarterly, or yearly intervals.

8. (currently amended) A method according to claim 1 further comprising the steps of:

analyzing a user-selected third sorting field within each of said CDRs within a group of CDRs sorted by said first sorting field~~[[.]]~~; and

generating a customized report for each of said grouped CDRs as a function of data within said user-selected second and third sorting fields.

9. (currently amended) A method according to claim 8 wherein the step of generating [[a]] said customized report includes the step of determining and displaying a system variable as a function of data within at least one of said user-selected second and third sorting fields.

10. (currently amended) A method according to claim 9 wherein said user-selected second sorting field contains data indicative of Total Call Attempts and said system variable corresponds to Successful Call Attempts.

11. (currently amended) A method according to claim 1 wherein said customized carrier-specific report is a Trunk Capacity Report including transaction activity for an originating trunk group and a terminating trunk group.

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12. (currently amended) A call detail record (CDR) processing system for a telecommunications network, said system comprising:

a system cluster in operative communication with said telecommunications network for generating a plurality of CDRs each indicative of a call transaction on said telecommunications network;

a production database server periodically receiving and storing said CDRs from said system cluster; [[and]]

a user access server in operative communication with said production database server, said user access server programmed to select a first sorting field from a plurality of fields within each CDR and group said plurality of CDRs as a function of data within said first sorting field, wherein said first sorting field is a carrier identification field, analyze a user-selected second sorting field within each of said CDRs within a group of CDRs sorted by said first sorting field, and generate a customized carrier-specific report for each of said grouped CDRs as a function of data within said user-selected second sorting field; and

a user access terminal in operative communication with said user access server for presenting said customized carrier-specific report to a user according to user-selected format preferences.

13. (currently amended) A system according to claim 12 wherein said system cluster comprises a plurality of servers.

14. (original) A system according to claim 13 comprising a plurality of remotely located clusters.

15. (original) A system according to claim 14 comprising a master database in operative communication with each of said plurality of remotely located clusters, said master database for storing each of said plurality of CDRs generated by each of said clusters.

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16. (original) A system according to claim 12 wherein said system cluster is a calling card system cluster generating a CDR in response to each calling card transaction on said telecommunications network.

17. (original) A system according to claim 12 wherein said CDR fields comprise at least one of a Call Type Offered field, System Failure field, Rate Class field, Method of Recording field, Message Type field, or Call Statistics field.

18. (original) A system according to claim 17 wherein said Call Statistics field comprises at least one of the following subfields: message store and forward, directory assistance, or conference calling.

19. (original) A system according to claim 17 wherein said Rate Class field comprises at least one of the following subfields: person-to-person, operator station-to-station, dialed station, or operator assisted dialing.

20. (original) A system according to claim 17 wherein said Call Type Offered field comprises at least one of the following subfields: local exchange carrier calling card or proprietary calling card.